

**Notice of Allowability**

Application No.

10/054,147

Applicant(s)

ITOH, NOBUHIRO

Examiner

NEGUSSIE.WORKU

Art Unit

2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/04/07.
2. ☒ The allowed claim(s) is/are 1-3,5-7,9-12,14 and 15.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 05/12/05
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

EDUARDO GAMES  
SUPERVISOR  
TECHNICAL

## **DETAILED ACTION**

### ***Reason for Allowance***

1. The following is an examiner's statement of reasons for allowance: In response to the Office action dated August 8, 2007, and further to the amendments filed by applicant on December 4, 2007, applicant's request in view of the amendments and remarks have been reviewed and respectfully considered. Claims 4, 8 and 13 are cancelled. Therefore, the pending claims 1-3, 5-7, 9-12, 14-15 are allowed for the reasons given below.

Claim 1 is allowed [i.e., independent] for the reason the prior art searched and of record neither anticipates nor suggests the claimed invention as amended.

Specifically, Yoshihara '163' in view of Goldddberg '181' the prior arts used to reject the application. In particular, Yoshihara '163' is concerned with the problem of putting due image portions back together. More specifically, Yoshihara (col. 6, lines 14-24), proposes that the image portions are reduced and then synthesized into one image of an A3-size. On the other hand, the approach proposed by Yoshihara, like its background, requires the operator to manually split scanning of a large-sized document into multiple (for example, four) portions, when the original cannot be scanned in a single scanning operation. Yoshihara, column 5, lines 30-54.

In contrast, in the claimed subject matter of the present application, [i.e., independent claims 1 and 5] the large-sized subject copy is scanned, as a single image, to generate large-sized copy image data, and then the large-sized copy image data is automatically divided in a sub-scanning direction into a plurality of read areas according to a specified overlapping width, with each read area including divisional lines of data having a predetermined width. Each of independent claims 1 and 5 discloses or discusses these features.

Thus, Claims 1-3, 9-12, 14-15 are allowed for the reason the prior art searched and of record neither anticipates nor suggests a facsimile device comprising: inputting means including scanner means to scan a large-sized subject copy having a size larger than A3-size and generate large-sized copy image data based on the scanning of said subject copy; dividing means for automatically dividing in a sub-scanning direction said large-sized image data of said subject copy of the size larger than the A3-size into a plurality of read areas according to a specified overlapping width, each read area including divisional lines of data having a predetermined width; image rotating means for performing an image rotation with respect to each of said divisional lines of data so as to supply rotated divisional lines; encoding means for encoding each of said rotated divisional lines into encoded data; and outputting means for out-putting said encoded data.

Claims 5-7 are also allowed for the same reason discussed above, in particular, the prior art searched and of record neither anticipates nor suggests a method for controlling a facsimile device, the steps of: inputting through scanner means sized copy

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image data of a large-sized subject copy having a size larger than A3-size; automatically dividing automatically dividing in a sub-scan direction said large-sized copy image data of the large-sized subject copy into at least two read areas according to a specified overlapping width each read area including divisional lines of data having a predetermined width; performing an image rotation with respect to each of said divisional lines of data so as to supply rotated divisional lines; encoding each of said rotated divisional line into encoded data; and out-putting said encoded data.

Finally, all pending claims 1-3, 5-7, 9-12, 14-15 are allowed for the reasons discussed above.

### ***Conclusion***

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to NEGUSSIE WORKU whose telephone number is (571)272-7472. The examiner can normally be reached on 9am-6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached on 571-272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

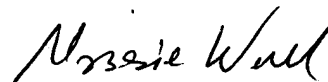
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic

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Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



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